

Attorney Docket No. US 000399

REMARKS**I. INTRODUCTION**

Claims 1, 3, 4, 7, 8, 10, 11, 14, 17, 19, 22, 24 and 25 have been amended. Claim 20 was previously cancelled. No new matter has been added. Thus, claims 1-19 and 21-25 remain pending in the present application. In view of the above amendments and the following remarks, it is respectfully submitted that all of the presently pending claims are allowable.

II. THE 35 U.S.C. § 102 REJECTIONS SHOULD BE WITHDRAWN

Claims 1, 3, 7-13, 22 and 24 stand rejected under 35 U.S.C. § 102(e) as anticipated by U.S. Pat. No. 6,385,745 to Grivna. 1/25/06 *Office Action*, p. 2.

Grivna describes a receiver with both the INA and INB differential input pairs wired in parallel and a state machine that monitors the decoded output of the receiver. *Grivna*, col. 2, lines 52-60. The receiver includes a receive equalization circuit 54 that produces first and second output signals, where the second signal is a complement of the first and the output signals are inputs to a logic 56. *Id.*, col. 3, lines 3-10. The logic 56 includes a differential amplifier 74, which receives the first signal at a non-inverting input and the second signal at an inverting input. A second differential amplifier 76 receives the second signal at a non-inverting input and the first signal at an inverting input. *Id.*, col. 3, lines 21-30. A multiplexor 78 then selects a output of one of the amplifiers 74, 76 based upon a control signal A/B determined by the state machine. *Id.*

Independent claim 1 recites an apparatus including “an inverted Digital Video Broadcast-Asynchronous Serial Interface (DVB-ASI) signal” and “*an inverting adapter adapted to invert the inverted DVB-ASI signal to produce a non-inverted adapted DVB-ASI signal, wherein a non-inverted output DVB-ASI signal and the non-inverted adapted DVB-ASI signal are available simultaneously.*”

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Initially, it is noted that while the invention of the present application is directed to inverting an inverted DVB-ASI signal to provide an additional, usable signal, Grivna is directed to correcting the phase of a DVB-ASI signal by selecting one of the outputs of the amplifiers 74, 76. The problems with which Grivna and the present invention are concerned are entirely unrelated.

Grivna does not teach or suggest providing a non-inverted output DVB-ASI signal and a non-inverted adapted DVB-ASI signal simultaneously. The multiplexor 78 is only capable of selecting one output at any given time. Furthermore, the output of the amplifier 74 is an amplified version of the first signal, whereas the output of the amplifier 76 is an amplified version of the second signal (i.e., the first signal inverted). Thus, the multiplexor 78 is selecting between a non-inverted signal and its complement. This is in stark contrast to the present invention as recited in claim 1, which teaches providing a non-inverted signal and a non-inverted adapted signal simultaneously. Thus, it is respectfully submitted that Grivna neither discloses nor suggests "an inverting adapter adapted to invert the inverted DVB-ASI signal to produce a non-inverted adapted DVB-ASI signal, wherein a non-inverted output DVB-ASI signal and the adapted DVB-ASI signal are available simultaneously," as recited in claim 1. Because claims 3 and 7-13 depend from, and, therefore include the limitations of claim 1, it is respectfully submitted that these claims are also allowable.

Independent claim 22 recites "an inverting adapter adapted to invert an inverted DVB-ASI signal to produce a non-inverted adapted DVB-ASI signal, wherein a non-inverted DVB-ASI signal and the non-inverted adapted DVB-ASI signal are available simultaneously." Thus, it is respectfully submitted that this claim is allowable for at least the reasons stated above with reference to claim 1.

Independent claim 24 recites "inverting the inverted DVB-ASI signal to create a non-inverted adapted DVB-ASI signal" and "providing the non-inverted DVB-ASI signal and the non-inverted adapted DVB-ASI signal for use simultaneously." Thus, it is

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respectfully submitted that this claim is allowable for at least the reasons stated above with reference to claim 1.

III. THE 35 U.S.C. § 103 REJECTIONS SHOULD BE WITHDRAWN

Claims 2, 4 and 23 stand rejected under 35 U.S.C. § 103(a), as being unpatentable over Grivna in view of U.S. Pat. App. No. 2002/0145661 to Takahashi et al. ("Takahashi"). 1/25/06 Office Action, p. 5.

The deficiencies of Grivna have been discussed above. Takahashi describes a video-signal processing device connectable to an endoscope capable of outputting a component-type electric analog color video signal. *Takahashi*, Abstract. Takahashi is insufficient to cure the above described deficiencies of Grivna. Thus, it is respectfully submitted that neither Grivna nor Takahashi, either alone or in combination, discloses or suggests "an inverting adapter adapted to invert the inverted DVB-ASI signal to produce a non-inverted adapted DVB-ASI signal, wherein a non-inverted output DVB-ASI signal and the non-inverted adapted DVB-ASI signal are available simultaneously," as recited in claim 1 and "an inverting adapter adapted to invert an inverted DVB-ASI signal to produce a non-inverted adapted DVB-ASI signal, wherein a non-inverted DVB-ASI signal and the non-inverted adapted DVB-ASI signal are available simultaneously," as recited in claim 22. Because claims 2 and 4, and 23 depend from and include the limitations of claims 1 and 22, respectively, it is respectfully submitted that these claims are allowable.

Claims 5, 6, 14-20 and 25 stand rejected under 35 U.S.C. § 103(a), as being unpatentable over Grivna in view of Takahashi and U.S. Pat. No. 4,885,747 to Foglia ("Foglia"). 1/25/06 Office Action, p. 7.

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Foglia describes a communications system for transmitting baseband and broadband signals simultaneously. *Foglia*, Abstract. Foglia is insufficient to cure the above described deficiencies of Grivna and Takahashi.

Independent claim 14 recites "an inverting adapter comprising a transformer comprising primary and secondary sides, wherein the primary side is coupled to the inverted DVB-ASI signal, wherein a polarity of the secondary side is opposite to a polarity of the primary side, and wherein each of the primary and secondary sides comprises an equivalent number of windings, whereby the inverting adapter inverts the inverted DVB-ASI signal to create a non-inverted adapted DVB-ASI signal, wherein the DVB-ASI output signal and the non-inverted adapted DVB-ASI signal are available simultaneously."

Independent claim 19 recites "primary and secondary outputs, wherein the primary output is electrically coupled to a non-inverted DVB-ASI signal source, wherein the secondary output is electrically coupled to the non-inverted adapted DVB-ASI signal, and wherein the non-inverted DVB-ASI signal and the non-inverted adapted DVB-ASI signal are available simultaneously."

The recitations of independent claims 1 and 24 were discussed above. Accordingly, neither Takahashi nor Foglia cure the deficiencies of Grivna as described with reference to independent claim 1. Because claims 5 and 6 depend from and include the limitations of claim 1, it is respectfully submitted that these claims are also allowable. It is also respectfully submitted that claim 14 is allowable for at least the same reasons discussed above with reference to claim 1. Because claims 15-18 depend from and include the limitations of claim 14, it is respectfully submitted that these claims are also allowable. It is also respectfully submitted that claim 19 is allowable for at least the same reasons discussed above with reference to claim 1. It is also respectfully submitted that claim 24 is allowable for at least the same reasons discussed above with reference to claim 1. Because claim 25 depends from and includes the limitations of claim 24, it is respectfully submitted that this claim is also allowable.

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Claim 21 stands rejected under 35 U.S.C. § 103(a), as being unpatentable over Grivna in view of Takahashi and in further view of Foglia and U.S. Pat. App. No. 2004/0133924 to Wilkins et al. ("Wilkins"). 1/25/06 *Office Action*, p. 6.

Wilkins describes a method for automatically synchronizing associated multimedia assets in a distributed system. *Wilkins*, ¶ [0002]. Wilkins does not cure the above described deficiencies of Grivna described above with reference to claim 1. As described above the recitations of claim 19 are allowable for the same reasons as described for claim 1. Because claim 21 depends from and includes the limitations of claim 19, it is respectfully submitted that claim 21 is allowable.

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CONCLUSION

It is therefore respectfully submitted that all of the presently pending claims are allowable. All issues raised by the Examiner having been addressed, an early and favorable action on the merits is earnestly solicited.

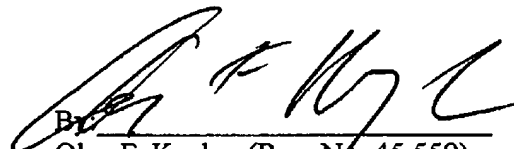
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